



COVID-19 Weekly Surveillance Summary for Lane County (As of May 17th pm)

Introduction

Lane County Public Health will publish a weekly snapshot describing COVID-19 in the county. Note that the data reported are based on continually updated investigations and represent data available at the time the data were extracted. (See “as of” date above.) A daily status update can be found on the [Lane County Website](#). Each part of this summary will help guide decisions on how to best keep the number of new COVID-19 cases to a minimum; both as we begin to lift restrictions and to monitor when and where our more vulnerable populations need intervention.

Current Case Numbers: Week Ending Sunday May 17th

Total Cases	Deaths	Recovering at home	Recovered
66	2	5	59

Weekly Summary

COVID-19 New Cases

Last week (May 11 – 17), Lane County reported six new cases of COVID-19; five were laboratory confirmed and one was a presumptive case. (Presumptive means that the person has COVID-19 like symptoms and is known to be a contact of a laboratory confirmed case. They are considered “cases” even without lab confirmation.) These cases reported first experiencing symptoms (also referred to as “symptom onset”) from 4/29/2020 through 5/13/2020. This puts the county-wide total at 66 cases, with a rate of infection at 17.6 Lane County residents for every 100,000 residents. In other words, based on what we know now, about 18 in every 100,000 people have COVID-19 in Lane County.

Number of confirmed and presumptive COVID-19 cases in Lane County by case status: Week ending Sunday May 17th (these number will not add up to the current total cases)

Status	New in Week Ending May 17	Previous Total
Confirmed Case	5	60
Presumptive Case	1	0
Deaths	0	2
Vent	0	0
ICU	0	0
Hospital	0	0
Recovered	8	51



COVID-19 Testing

Including hospital laboratories, Oregon State Public Health Laboratory, and commercial laboratories, in the weekend ending May 17, Lane County:

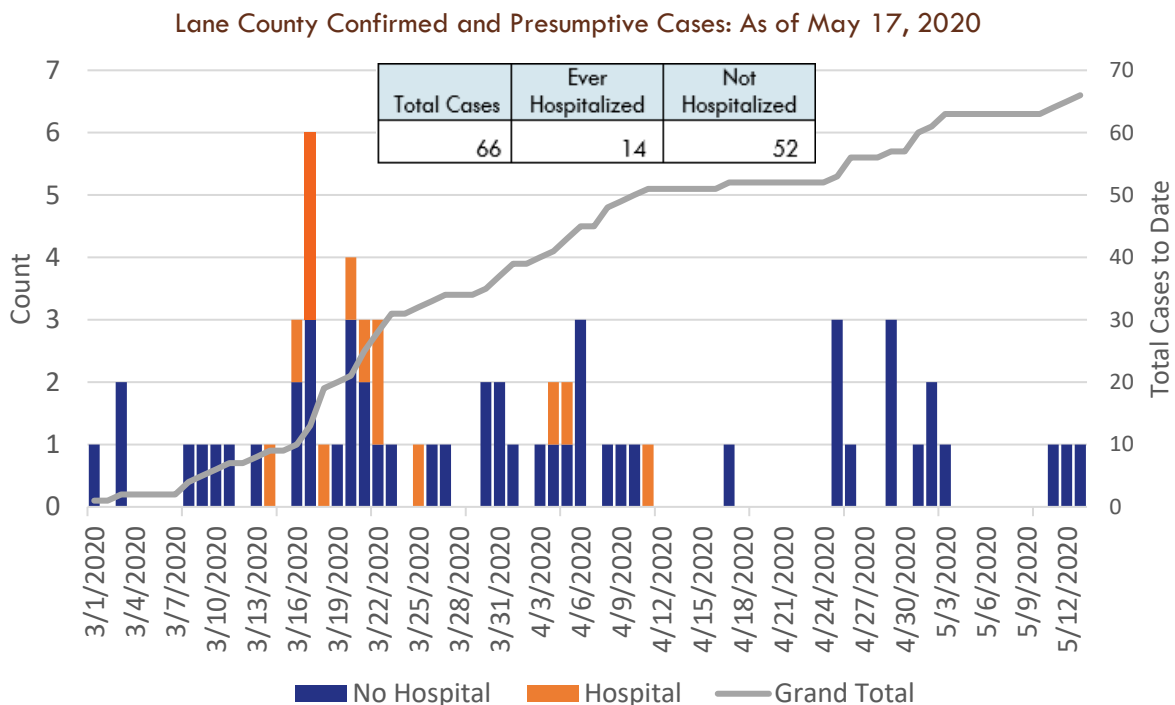
- completed a total of 1,977
- averaging 282 tests per day
- bringing us to a total of 7,685 since the beginning of February

This is a big increase over a month ago (April 13 – April 19); where the average test per day was 116. This increase is important for releasing restrictions; as we need to be able to do many tests quickly in the event of an outbreak.

Epidemiological Curve of COVID-19 in Lane County

The figure below shows the number of COVID-19 cases in Lane County from the date of symptom onset; or the day the individual first started feeling symptoms. The figure also shows if cases were ever hospitalized for their illness. Epidemiological curves help to identify where an outbreak may have started and track where we are in an outbreak. When we say “flatten the curve” this is the curve we’re talking about.

Lane County’s cases per day remains low. Our highest number of cases in a day was six on March 17th. However, across most days of the outbreak, the number of new cases per day ranges between zero to three. It appears that we have managed to keep our curve flat from the beginning. This definitely speaks to the early interventions put in place; including closing schools, working from home, keeping physical distance from non-household members, handwashing and cleaning.





COVID-19 Contact Tracing

In order to better monitor for new infections as we ease restrictions, Public Health started actively monitoring contacts of new cases as of May 1. These are people identified as being at greater risk of infection because they have been in close proximity to a known case or have traveled from somewhere deemed high risk by the Division of Global Migration and Quarantine. Currently, this includes people returning from cruise ships and those who have sat close to a known case on an airplane. These contacts are quarantined at home for 14 days and touch base with a public health contact tracer once a day to monitor for any COVID-19 like symptoms.

As May 17th, there were 45 people under monitoring in Lane County and seven who have completed their quarantine period. More information about contact tracing and the rate of conversion to case will be presented as more data are available.

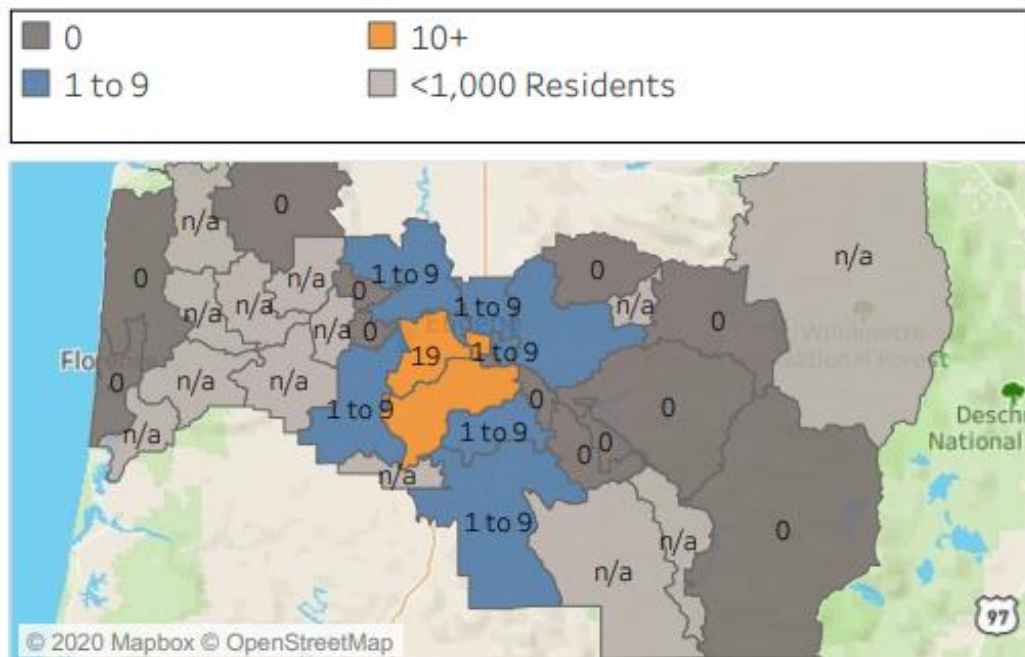
COVID-19 across Lane County

The figure below represents the number of COVID-19 cases in Lane County by county zip code.

To protect the identities of our citizens, only zip codes with more than 1,000 residents and 10 or more cases will have specific case numbers.

Currently, all of the cases are in the center of the county, closer to the more populous Eugene and Springfield areas. Two thirds of our cases are concentrated in three adjacent zip codes, west of I-5, representing North, South and West Eugene. There have been no cases on the coast or in eastern Lane County.

Lane County Case Map by Zip Code: As of May 17, 2020



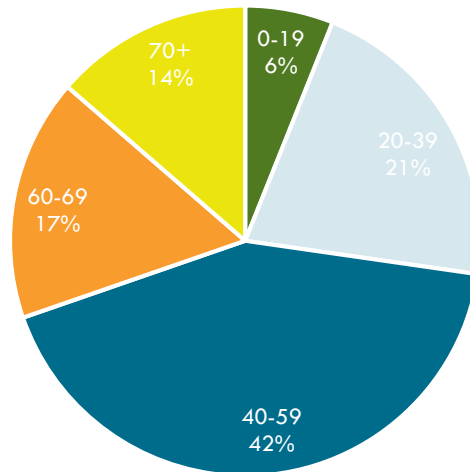


COVID-19 Case Demographics

Gender/sex: Of our cases, 34 (52%) are male.

Age: only 6% of our cases were less than 20 years old. And almost half of our cases have been between 40 and 59. This is similar to what is reported at the Oregon State Level. (The Oregon weekly report can be found [here](#).)

Lane County COVID-19 cases by age group: As of May 17, 2020



Race/ethnicity: At least 55% of our cases are white. Unfortunately, the second most reported race group is “other” so we cannot give a good description of race for our cases. The Oregon weekly report had similar data for race.

Notably, while our Latinx community makes up only 9.1% of the Lane County population, they represent at least 25% of our cases. This highlights the health disparity in our Latinx population and is an example of data helping to signal areas that need further attention and intervention.

Lane County COVID-19 Cases by Identified Race and Latinx Status: As of May 17, 2020

Race	Percent*
American Indian/Alaskan Native	<5 cases
Black	<5 cases
Multiple	8%
Other	22%
Refused	<5 cases
White	57%
Unknown	8%

Latinx	Percent
No	69%
Yes	25%
Unknown	6%

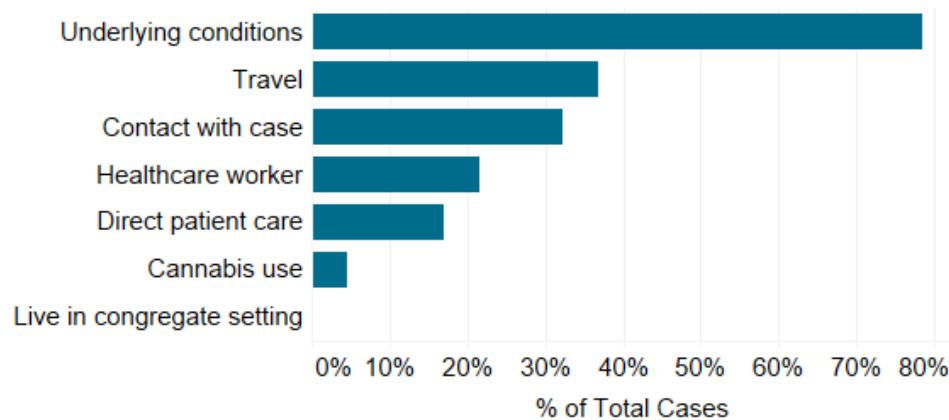
*Those races with fewer than 5 cases are marked at “<5 cases”



Potential Risk Factors for COVID-19 Infection

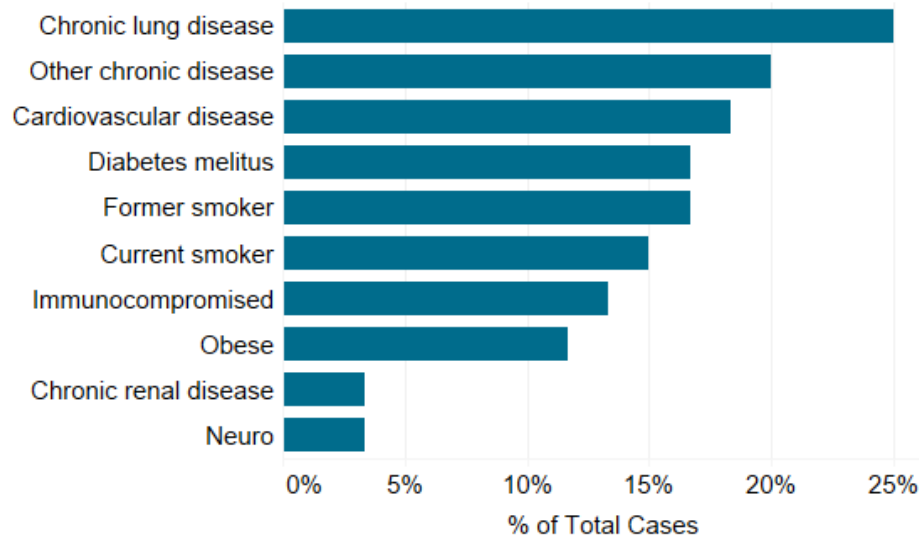
Some individuals may be more likely to be infected with COVID-19 due to differences in exposure risk. A number of factors may influence a person's risk of exposure or infection; such as, their current health condition, the type of work they do, or their current housing circumstances. Those individuals who work in health care settings may be at particular risk due to their proximity to cases. People living in congregate spaces (long term care facilities, dorms, jails) may have a harder time keeping shared spaces clean or maintain physical distancing. Identifying the factors that may put people at increased risk of COVID-19 infection helps inform valuable targeted testing programs.

Lane County COVID-19 cases by percent of potential risk factors: As of May 17, 2020



By far, the most common risk factor for more severe disease in Lane County is having an underlying condition. As more data become available, we'll be able to further investigate the proportion of those with specific underlying conditions compared to the severity (based on hospitalization type) of disease.

Lane County COVID-19 cases by reported pre-existing condition: As of May 17, 2020

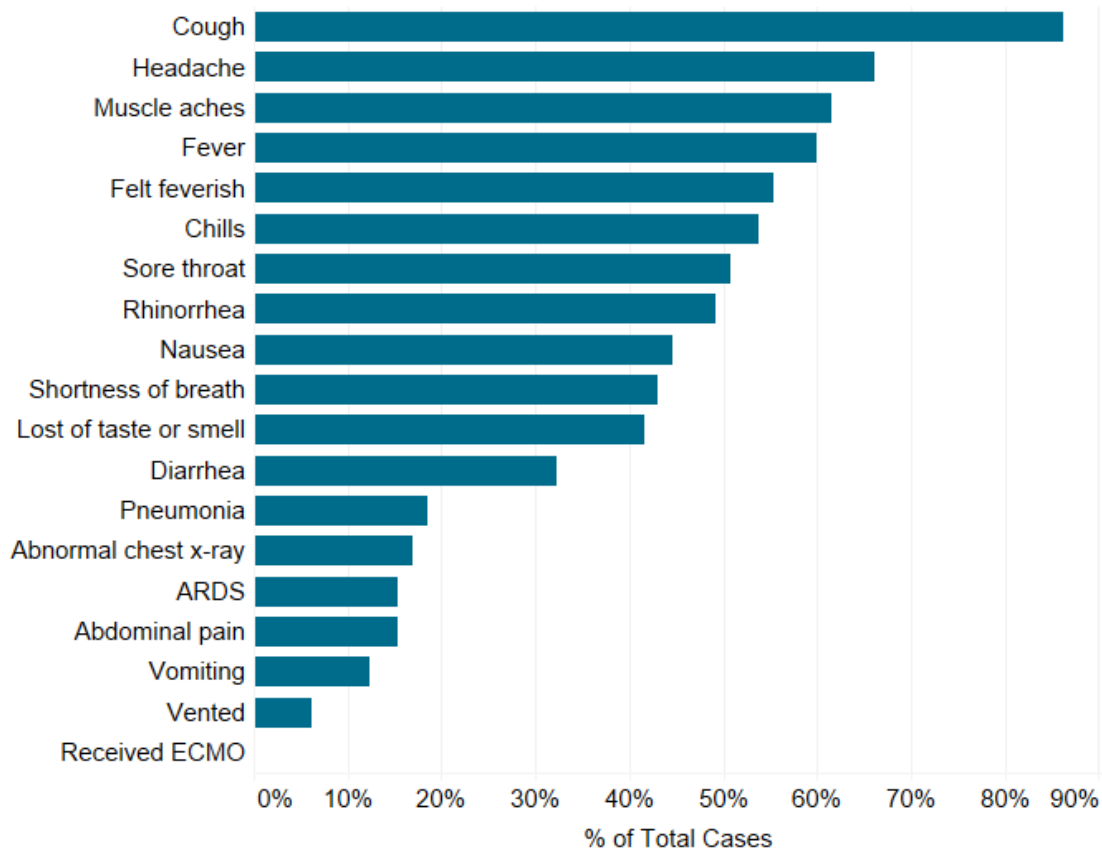




Lane County COVID-19 Cases – Signs and Symptoms

By far, the most common symptom seen in our cases, is coughing. Interestingly, fever is only found in about 2/3 of our cases.

Lane County COVID-19 cases by reported signs and symptoms: As of May 17, 2020



Note that several of these signs and symptoms were not collect from the beginning of the cases in Oregon. Also, in some cases we were unable to get an answer from the case due to interview limitations. Therefore, the number of reported signs and symptoms are likely underestimated.